

# PTGER1 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14962

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P34995</a>
<b>Other Accession</b>	<a href="#">NP_000946</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	41801

## Additional Information

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<b>Gene ID</b>	5731
<b>Alias Symbol</b> <b>Other Names</b>	PTGER1, Prostaglandin E2 receptor EP1 subtype, PGE receptor EP1 subtype, PGE2 receptor EP1 subtype, Prostanoid EP1 receptor, PTGER1
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 $\mu$ l of distilled water. Final Anti-PTGER1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	PTGER1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PTGER1
<b>Function</b>	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(q) proteins which activate a phosphatidylinositol-calcium second messenger system. May play a role as an important modulator of renal function. Implicated the smooth muscle contractile response to PGE2 in various tissues.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Location</b>	Abundant in kidney. Lower level expression in lung, skeletal muscle and spleen, lowest expression in testis and not detected in liver brain and heart

## References

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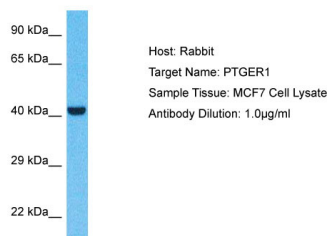
Funk C.D.,et al.J. Biol. Chem. 268:26767-26772(1993).

Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.

Warren C.N.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.

## Images

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Host: Rabbit

Target Name: PTGER1

Sample Tissue: MCF7 Whole Cell lysates

Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.